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- 101 AGCICTATCCTGTGCCCCTGGTCGCAGCAGCCCAGCGCCTTCGCGTGTTCTACTTGGCCTGTCCGCTGCCGCCTAATGAGCTCAGGTCTAGGCCGAG 1 GAATTCCGGCGCGGAGGAGAGAAGTCACTTGCCCTGGCTCTACCTTGAAGTGGTTCTCAGGGTTGGGGCGAGAGTCGGGGTGGGGACCGAGATCC
  - 301 GCGCGGGGCTGAAGGCGGAACCACGACGGGCAGAGAGCACGGGAAGCCCCTGGGCGCCCCTTGGGAGGGCTATGGAGCAGCGGCGGCGGGGGTGC
- - 401 GCGGCGGCGGCGCGCGCCTCCTCGTGCTGCTGCGGGCCCGGGCCCAGGGCGGCACTCGTAGCCCCAGGTGTGTGCCGGTGACTTCCACAAGA œ Ö
- 501 AGATTGGTCTGTTTGTTGCAGAGGCTGCCCAGGGGGGCACTACCTGAAGGCCCCTTGCACGGAGCCCTGCGGCAACTCCACCTGCCTTGTGTGTCTCCCA O D, O U æ
- 601 AGACACCTTCTTGGCCTGGGAGAACCACCATAATTCTGAATGTGCCCGCTGCCAGGCCTCCCAGGTGGCGCTGGAGACTGTTCA 76 D T F L A W E N H H N S E C A R C Q A C D E Q A S Q V A L E N C S
- GCAGIGGCCGACACCCGCTGTGAAGCCAGGTTGTGGAGTGCCAGGTCAGCCAATGTGTCACAGGTTCACCCTTCTACTGCCAACCAIGCC A V A D I R C G C K P G W F V E C Q V S Q C V S S S P F Y C Q P C L

- 1201 GAGTCACATTGATATAGCTTTAAAACTTGGGCTGAAGGAGGTTGAGGCTGCAGTGAGCTATGATCGTGCCACTGCACTTCAGCCTGGGCAACAGAGCGAG
- 1401 TAGTTCTCTAGGGGATCTTGGGCAAGTGCAGAGAATTC

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hapo2LI htinffrl htinffrp heas/apo1 hlingfr hcD40 hcD27 hcD30	hapo2LI htherl hther2 htherp hcb40 hcb40 hcb30 hcb30

FIG. 2A

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FIG. 2B

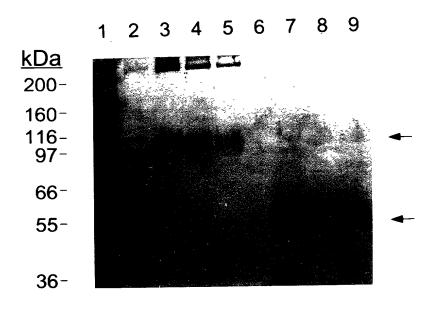


FIG. 3

1 CGGGCCCTGC GGGCGCGGG CTGAAGGCGG AACCACGACG GGCAGAGAGC ACGGAGCCGG 61 GAAGCCCCTG GGCGCCTC GGAGGGCTAT GGAGCAGGGG CCGCGGGGCT GCGCGGGGT $_1$ 

121 GCCGCCGCG CTCCTCCTGG TGCTGCTGG GGCCCGGCC CAGGGCGGCA CTCGTAGCCC AAALLVLLGARAOGGT

181 CAGGTGTGAC TGTGCCGGTG ACTTCCACAA GAAGATTGGT CTGTTTTGTT GCAGAGGCTG

241 CCCAGCGGG CACTACCTGA AGGCCCCTTG CACGGAGCCC TGCGGCAACT CCACCTGCCT 52 P A G H Y L K A P C T E P C G N S T C L

TGTGTGTCCC CAAGACACCT TCTTGGCCTG GGAGAACCAC CATAATTCTG AATGTGCCCG 301

361 CTGCCAGGCC TGTGATGAGC AGGCCTCCCA GGTGGCGCTG GAGAACTGTT CAGCAGTGGC 92 C Q A C D E Q A S Q V A L E N C S A V A

TGTGGCTGTA AGCCAGGCTG GTTTGTGGAG TGCCAGGTCA GCCAATGTGT C G C K P G W F V E C Q V S Q C V CGACACCCGC D T R

FIG. 4A

TCCAG  TATAC  TATAC  TACAG  TA	GCCTGCCTG GCTTCTATGA	GGGAGCTGTC CAGAGCGCTG	recrece erecerrer	CGCCACTGCT GGCCTCACAAR R H C W P H K	CCCCACCAC CGGCCACCCA PPPATH	CCTGACAGCA GTGAGAAGAT P D S S E K I	ACCCCGAGA CCCAGGAGGC PETQEA	AGCAGAGCTC TTGGCCCCGC S R A L G P A	CCAGCCATGA TGCTGCAGCC P A M M L Q P
ACGCTACTC TGTTCCCGCA GAG  R L L C S R R L  ACATGGCGAT GGCTGCGTGT CCT  H G D G C V S C  TGCCGCTGT CTGTGGGG GCC  A A V C G W R Q  TGCCGCTGT GGG CCP  Y P L L L G A T  TCTGTCACCC TTGGACAGG CCC  L S P L D S A B  TTGCACCGTC CAGTTGGTG GTP  C T V Q L V G N  SCTCTGCCC CAGTTGGTG GTP  TGCACCGTC CAGTTGGTG GTP  TGCACCGTC CAGTTGGTG GTP  TGCTGCCCC CAGTTGGTG GTP  TGCTGCCCC ACACTTCGC CAG  TGCTGCCCC ACACTTCTCCC CAG  TGCTGCCCCC ACACTTCTCCC CAG  TGCTGCCCC ACACTTCTCCC CAG  TGCTGCCCCC ACACTTCTCCC CAG  TGCTGCCCCC ACACTTCTCCC CAG  TGCTGCCCCC ACACTTCTCCC CAG  TGCTGCCCCC ACACTTCTCCC CAG  TGCTGCCCCCC ACACTTCTCCC CAG  TGCTGCCCCCC ACACTTCTCCC CAG  TGCTGCCCCCC ACACTTCTCCC CAG  TGCTGCCCCCCC ACACTTCTCCC CAG  TGCTCCCCCCC ACACTTCTCCC CAG  TGCTCCCCCCCCCCCCCCC ACACTTCCCC CAG  TGCTCCCCCCCCCCCCCCCCCCCCC ACACTTCCCC CAG  TGCTCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	ATACTGA CTGTGGGACC TO	GCCCCAC GAGCACCCTG G	AGATGTT CTGGGTCCAG G	CCCTGAC CTACACATAC C	CTGGGAT GGAGGCTCTG A	ACACCCT TCTAGCACCT C	ACAGCTG GACCCCTGGC T	CCTGGGA CCAGTTGCCC A	AGTCCCC AGCCGCTCG C
ACGCCTACTC  B L L  ACATGGCGAT  H G D  GCCGCTGTC  V P L  GCCCCTGGTT  P L V  CTGTCACCC  L S P  CTGTCACCC  L S P  CTGTCACCC  C T V  C T V  C T C  GCTCCCC  A A P	TGTTCCCGCA GAG	G C V S C	TGTGGCTGGA GGC	CTGCTTGGGG CC	TACTECAGATE AAG	TTGGACAGCG CCC	CAGTTGGTGG GTA Q L V G N	CAGGTGACAT GG1 Q V T W E	ACACTCTCGC CAG T L S P F
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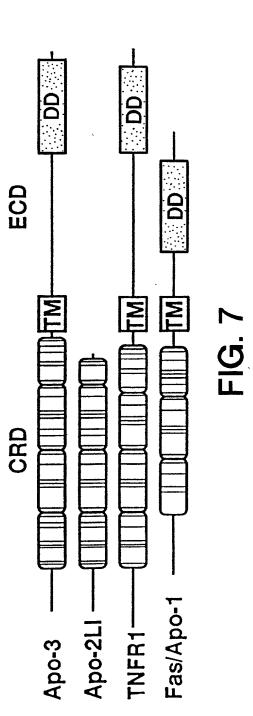
		FIG. 4C	FIG	AAAA	aaaaaaaa aaaa	1621
AAAAAAAAA	GAAAGAAAAC	TTAAATCTGT	GATCGCGGTA	gga gitiggciga gaicgcggta ttaaatctgi gaaagaaaac aaaaaaaaa	ರಾವಿ	1561
TTCTCAACTT	GTGAAGACAT	TCGAGAGGGG	CGAACGAATG	1501 CCAGCCAAGG CGAAGAAGCA CGAACGAATG TCGAGAGGGG GTGAAGACAT TTCTCAACTT	CCAGCCAAGG	1501
CCCTATCGCT	cccrecreec	CCGGCCCCAC	GCAGCACCAG	CECTEGCACE GCCCTGCGTA GCAGCACCAG CCGGCCCCAC CCCTGCTCGC CCCTATCGCT		1441
CTTATTAAGC	TTTTATGTCA	CGTGTAGACA	GTTACTTATG	TIGCAGAAGC CCIAAGIACG GITACITAIG CGIGIAGACA ITITAIGICA CITAITAAGC		1381
CTGGTGGCCC	CCTAGGCGCT	CCACTIGCCA	GACACGGCGC	CAG CGCGCCCGT GACACGCGC CCACTTGCCA CCTAGGCGCT CTGGTGGCCC	CCCCCTCCAG	1321
ACTTGCGCAG L R S	C TGCGTGGAAG	GCTGGACGGC L D G	AGCGCATGGG R M G	TAC GCGCCCTGG AGCGCATGGG GCTGGACGGC TGCGTGGAAG ACTTGCGCAG	AGCCGTT	1261 392
S I S	CTGGCGCCAG CAGCCCG	CTGGCGCCAG	TGCTCAAGCG L K R	CAG CAGTACGAG TGCTCAAGCG CTGGCGCCAG CAGCAGCCCG CGGGCCTCGG	CCGAGAC R D	1201
TCGGCCGCITE G R F	CAGGTGGAGA E V E I	CGAAGCCGTG E A V	AGGCAGAGAT A E I	CTG GGGCTGCGC AGGCAGAT CGAAGCCGTG GAGGTGGAGA TCGGCCGCTT L G L R E A E I E A V E V E I G R F	GCGCACGCTG R T L	1141 352
AGGAGTTCGT E F V	GGTCCCAGCG CGGCGCTGGA V P A R R W K	GGTCCCAGCG V P A	TGATGGACGC M D A	CAG CTCTACGACG TGATGGACGC GGTCCCAGCG CGGCGCTGGA AGGAGTTCGT	GGCCCCCAG	1081

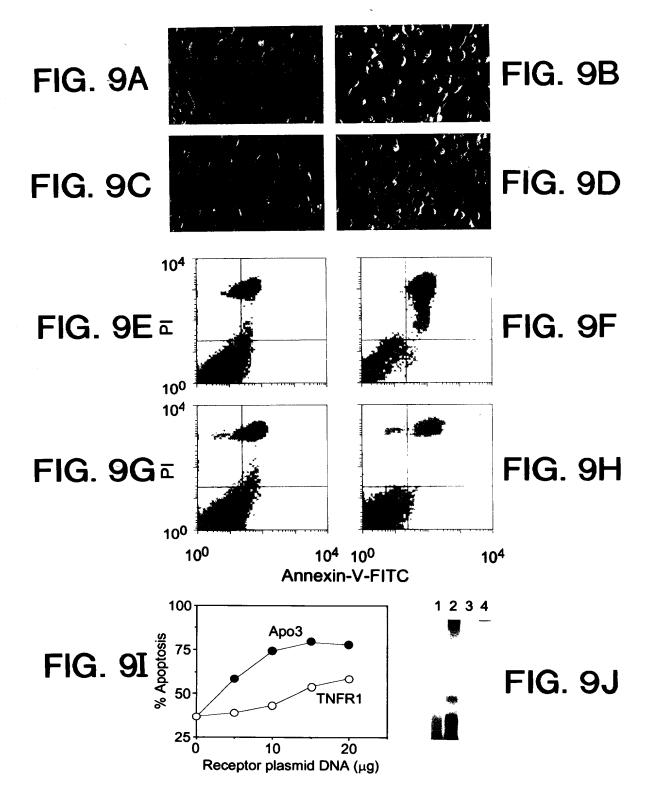
MEQRPRGCAAVAAALLIVLLGARAQGGTRSPR	CDCAGDFHKKIGLFCCRGCPAGHYLKAPCTEPCGNSTCLV CPQGKYIHPQNNSICCTKCHKGTYLYNDCPGPGQDTDCRE ETQNLEGLHHDGQFCHKPCPPGERKARDCTVNGDEPDCVP	CPQDTFLAWENHHNSECARCOACDEQASQVALENCSAVADTRCG CESGSFTASENHLRH-CLSCSKCRKEMGQVEISSCTVDRDTVCG CQEGKEYTDKAHFSSKCRRCRLCDEGHGLEVEINCTRTQNTKCR	CKPGWFVECQVSQCVSSPFYCQPCLDCGALHRHTRLLCSRRD-TDC CRKNQYRHYWSENLFQCFNCSLCLNGTVHLSCQEKQNTVC CKPNFFCNSTVCEHCDPCTKCEHGIIKECTLTSNTKC	CLPGFYEHGDGCVSCPTSTLGSCPERCAAVCGW CHAGFFLRENECVSCSNCKKSLECTKLCLP
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Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1 Fas/Apo1	Apo3 TNFR1

FIG. 5

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VMDAVPARRWKEFVRTLGLREAEIEAVEVETGR - - FRDQQYE
VVENVPPLRWKEFVRRLGLSDHEIDRLELQNGR - CLREAQYS
IAGVMTLSQVKGFVRKNGVNEAKIDEIKNDNVQDTAEQKV - Q
ICDNVGK - DWRRLARQLKVSDTKIDSIEDRYPRN - LTERVRE
NRPLSLK - DQQTEARSVGLKWRKVGR - SLQRGCRALRDPALD
IRENLGK - HWKNCARKLGFTQSAIDEIDHDYERDGLKEKVYYQ
IRENLGK - HWKNCARKLGFTQSAIDEIDHDYERDGLKEKVYYQ
                                                                                                                                                          C-DGCVEDLRS
C-LGCLEDIEE
CCTLA-EKIQT
--QMNLVADLV
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                                                                                                                                                     MIKRWRQQQP - - - AGLGAVYAALERMGL - DGCVEDLR;
MLATWRRRTPRREATLELLGRVLRDMDL - LGCLEDIE]
LLRNWHQLHG - KKEAYDTLIKDLKKANLCTLA - EKIQ;
SLRIWKNTE - KENATVAHLVGALRSC - - - QMNLVADLY
SLAYEYEREGLYEQAFQLLRRFV - QAEGRRATLQRLV]
MLQKWVMREGIKGATVGKLAQALHQC - - SRIDLLSSL;
FLATVVLETLKQYTSCHPKTGRKSGKYRKP
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                                                                                                                                                                                                                                                                              Reaper
                                                                                                     RIP
Reaper
                                                                FADD
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## FIG. 6





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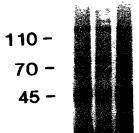
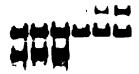


FIG. 8

1 2 3 4 5 6 7 8 9



MANAGER A.

FIG. 10

pRK5 TNFR1 Apo-3



→ Phospho-C-Jun

FIG. 11

1234 12345678

9.5 – 7.5 – 4.4 – 2.4 – 1.4 –



FIG. 12